

Title (en)
LIQUID INJECTION APPARATUS AND COMPRESSOR ASSEMBLY HAVING THE SAME

Title (de)
FLÜSSIGKEITSEINSPRITZVORRICHTUNG UND KOMPRESSORANORDNUNG DAMIT

Title (fr)
APPAREIL D'INJECTION DE LIQUIDE ET ENSEMBLE COMPRESSEUR LE COMPRENANT

Publication
EP 3242003 A2 20171108 (EN)

Application
EP 17168343 A 20170427

Priority
IN 201641015301 A 20160503

Abstract (en)
A liquid injection apparatus for use with a compressor 108 having a rotor shaft 128 and a casing part 122 is provided. The liquid injection apparatus 146 includes at least one conduit and at least one nozzle coupled to the conduit(s). The liquid injection apparatus is panel-shaped and has a first panel segment, a second panel segment, and at least one of: a passage defined between the first panel segment and the second panel segment, the passage sized to receive at least one of the rotor shaft and the casing part; and a third panel segment positioned between the first panel segment and the second panel segment. The third panel segment is at least in part detachable from the first panel segment and/or the second panel segment for receiving at least one of the rotor shaft and the casing part between the first panel segment and the second panel segment.

IPC 8 full level
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CPC (source: CN EP KR US)
F01D 25/24 (2013.01 - KR); **F01D 25/285** (2013.01 - KR); **F02C 3/30** (2013.01 - CN EP KR US); **F02C 6/04** (2013.01 - KR); **F02C 7/04** (2013.01 - EP US); **F02C 7/1435** (2013.01 - EP US); **F04C 29/02** (2013.01 - US); **F04C 29/04** (2013.01 - US); **F04C 29/12** (2013.01 - US); **F05D 2230/51** (2013.01 - EP US)

Cited by
FR3065993A1; WO2018202993A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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